AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in the application:

1	1.	(Cancelled)
1	2.	(Previously Presented) An apparatus for use in a wellbore, comprising:
2		an element formed of a superplastic material to perform a predetermined
3	downhole task; and	
4		a component including a seal engageable with the element.
1	3.	(Previously Presented) An apparatus for use in a wellbore, comprising:
2		an element formed of a superplastic material to perform a predetermined
3	downhole task; and	
4		a component including an anchor actuatable by the element.
1	4.	(Cancelled)
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1	5.	(Previously Presented) An apparatus for use in a wellbore, comprising:
2		an element formed of a superplastic material to perform a predetermined
3	downhole tasl	K ,
4		wherein the element includes a sand screen.
1	6.	(Previously Presented) An apparatus for use in a wellbore, comprising:
2		an element formed of a superplastic material to perform a predetermined
3	downhole task; and	
4		a shock absorber including the element.
1	7.	(Previously Presented) An apparatus for use in a wellbore, comprising:
2		an element formed of a superplastic material to perform a predetermined
3	downhole task; and	
1		a releasable connector mechanism including the element.

1	8.	(Previously Presented) An apparatus for use in a wellbore, comprising:
2		an element formed of a superplastic material to perform a predetermined
3	downhole task; and	
4		an explosive component including the element.
1	9.	(Original) The apparatus of claim 8, wherein the explosive component includes a
2	shaped charge	2.
1	10.	(Previously Presented) An apparatus for use in a wellbore, comprising:
2		an element formed of a superplastic material to perform a predetermined
3	downhole tasl	k; and
4		a weak point connector including the element.
1	11.	(Currently Amended) An apparatus for use in a wellbore, comprising:
2		a carrier line; and
3		a tool carried by the carrier line for deployment into the wellbore, comprising:
4		an element formed of a superplastic material to perform a predetermined
5	downhole tasl	c; and
6		a heating device to heat the element to a temperature sufficient to cause
7	the element to exhibit superplastic behavior.	
1	12. – 2	26. (Cancelled)
1	27.	(Previously Presented) The apparatus of claim 2, wherein the element is adapted
2	to translate the	e seal into engagement with a downhole structure.
1	28.	(Currently Amended) The apparatus of claim 27, comprising wherein the
2	apparatus con	prises a packer.

1	29.	(Currently Amended) The apparatus of claim 27, comprising wherein the
2	apparatus comprises a patch.	
1	30.	(Currently Amended) The apparatus of claim 27, further comprising a carrier line
2	and a tool car	ried by the carrier line for deployment into the well, wherein the tool comprises the
3	element formed of the superplastic material and the component including the seal, the tool	
4	further compr	rising a heating device to heat the superplastic material to a temperature such that
5	the element exhibits superplastic behavior.	
1	31.	(Previously Presented) The apparatus of claim 30, further comprising a piston
2	adapted to car	use translation of the element.
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1	32.	(Currently Amended) The apparatus of claim 30, An apparatus for use in a
2	wellbore, con	nprising:
3		an element formed of a superplastic material to perform a predetermined
4	downhole tas	<u>k;</u>
5		a component including a seal engageable with the element, wherein the element is
6	adapted to tra	nslate the seal into engagement with a downhole structure; and
7		a heating device to heat the superplastic material to a temperature such that the
8	element exhib	oits superplastic behavior,
9		wherein the heating device comprises a propellant.
1	33.	(Previously Presented) The apparatus of claim 2, further comprising a conduit,
2	wherein the e	lement comprises a plug to block fluid flow in a bore of the conduit.

l	34.	(Previously Presented) An apparatus for use in a wellbore, comprising:	
2		an element formed of a superplastic material to perform a predetermined	
3	downhole task;		
4		a component including a seal engageable with the element;	
5		a conduit, wherein the element comprises a plug to block fluid flow in a bore of	
6	the conduit;	and	
7		a port to communicate fluid pressure to deform the plug inwardly to enable	
8	movement of the plug.		
1	35.	(Previously Presented) The apparatus of claim 3, wherein the component	
2	comprises a packer including the anchor.		
1	36.	(Previously Presented) The apparatus of claim 35, wherein the packer further	
2	comprises a s	seal,	
3		wherein the element comprises one or more sleeves attached to the anchor and the	
4	seal, the one	or more sleeves adapted to translate the anchor and seal into engagement with a	
5	downhole structure.		
1	37.	(Currently Amended) An apparatus for use in a wellbore, comprising:	
2		a carrier line; and	
3		a tool carried by the carrier line for deployment into the wellbore, comprising:	
4		an element formed of a superplastic material to perform a predetermined	
5	downhole tas	sk,	
6		wherein the element is selected from the group consisting of a casing, a	
7	liner, a tubing	g, and a pipe; and	
8		a heating device to heat the element to a temperature such that the element	
9	exhibits superplastic behavior.		

1	38.	(Previously Presented) The apparatus of claim 5, further comprising a heating
2	device to hear	t the sand screen to a temperature such that the sand screen exhibits superplastic
3	behavior.	
1	39.	(Currently Amended) The apparatus of claim 11, An apparatus for use in a
2	wellbore, comprising:	
3		an element formed of a superplastic material to perform a predetermined
4	downhole tas	k; and
5		a heating device to heat the element to a temperature sufficient to cause the
6	element to ex	hibit superplastic behavior,
7		wherein the heating device comprises a propellant.
1	40. – 4	41. (Cancelled)
1	42.	(Currently Amended) An apparatus for use in a wellbore, comprising:
2		an element formed of a superplastic material to perform a predetermined
3	downhole tas	k;
4		a junction seal assembly comprising the element; and
5		a heating device to heat the element to a temperature such that the element
6	exhibits super	rplasticity sufficient to cause the element to exhibit superplastic behavior,
7		wherein the heating device comprises a propellant.
1	43.	(Previously Presented) The apparatus of claim 42, wherein the element comprises
2	one of a tubin	g and pipe to be inserted into a lateral wellbore.
1	44.	(Previously Presented) The apparatus of claim 2, wherein the superplastic
2	material exhib	bits elongation to failure in excess of 200%.
1	45.	(Previously Presented) The apparatus of claim 2, wherein the superplastic

material has a fine equi-axed grain structure that remains stable during deformation.

2

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- 1 46. (Previously Presented) The apparatus of claim 45, wherein a grain size of the fine equi-axed grain structure is in a range of 2 to 10 micrometers.
- 1 47. (Previously Presented) The apparatus of claim 3, wherein the superplastic 2 material exhibits elongation to failure in excess of 200%.
- 1 48. (Previously Presented) The apparatus of claim 3, wherein the superplastic 2 material has a fine equi-axed grain structure that remains stable during formation.
- 1 49. (Previously Presented) The apparatus of claim 48, wherein a grain size of the fine equi-axed grain structure is in a range of 2 to 10 micrometers.